ELSEVIER

J. Exp. Mar. Biol. Ecol. 179 (1994) 287–288

JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY

Contents of Volume 179

Research Articles

D.J. Marshall and C.D. McQuaid (South Africa)
Seasonal and diel variations of in situ heart rate of the intertidal limpet *Siphonaria oculus* Kr. (Pulmonata) 1

F.I.M. Thomas (USA)
Transport and mixing of gametes in three free-spawning polychaete annelids, *Phragmatopoma californica* (Fewkes), *Sabellaria cementarium* (Moore), and *Schizobranchia insignis* (Bush) 11

V.L. Coleman and J.M. Burkholder (USA)
Community structure and productivity of epiphytic microalgae on eelgrass (*Zostera marina* L.) under water-column nitrate enrichment 29

P.A. Berkman (Japan)
Epizoic zonation on growing scallop shells in McMurdo Sound, Antarctica 49

A.C.W. Utne and D.L. Aksnes (Norway)
An experimental study on the influence of feeding versus predation risk in the habitat choice of juvenile and adult two-spotted goby *Gobiusculus flavescens* (Fabricius) 69

G.H. Leonard (USA)
Effect of the bat star *Asterina miniata* (Brandt) on recruitment of the giant kelp *Macrocystis pyrifera* C. Agardh 81

J.K. Elliott, R.N. Mariscal and K.H. Roux (USA)
Do anemonefishes use molecular mimicry to avoid being stung by host anemones? 99

J.T. Davey (UK)
The architecture of the burrow of *Nereis diversicolor* and its quantification in relation to sediment-water exchange 115

J.E. Cartes, J.C. Sorbe and F. Sardà (Spain, France)
Spatial distribution of deep-sea decapods and euphausiids near the bottom in the northwestern Mediterranean 131

Research Articles

M.G. Chapman and A.J. Underwood (Australia)
Dispersal of the intertidal snail, *Nodilittorina pyramidalis*, in response to the topographic complexity of the substratum 145

M.-S. Jeng (Taiwan, ROC)
Effect of antennular and antennal ablation on pairing behavior of snapping shrimp *Alpheus edwardsii* (Audouin) 171

V.A. Sharp, D. Miller, J.C. Bythell and B.E. Brown (UK)
Expression of low molecular weight HSP 70 related polypeptides from the symbiotic sea anemone *Anemonia viridis* Forskall in response to heat shock 179

M.A. Becerro, N.I. Lopez, X. Turon and M.J. Uriz (Spain)

Antimicrobial activity and surface bacterial film in marine sponges 195

D.B. Packer, L. Watling and R.W. Langton (USA)
The population structure of the brittle star *Ophiura sarsi* Lütken in the Gulf of Maine and its trophic relationship to American plaice (*Hippoglossoides platessoides* Fabricius) 207

J.F. Dineen Jr. and A.H. Hines (USA)
Larval settlement of the polyhaline barnacle *Balanus eburneus* (Gould): cue interactions and comparisons with two estuarine congeners 223

D.D. Miller and N.H. Marcus (USA)
The effects of salinity and temperature on the density and sinking velocity of eggs of the calanoid copepod *Acartia tonsa* Dana 235

P.A. Douillet and G.J. Holt (USA)
Surface disinfection of red drum (*Sciaenops ocellatus* Linnaeus) eggs leading to bacteria-free larvae 253

J.-C. Chen and J.-L. Lin (Taiwan, ROC)
Responses of osmotic and chloride concentrations of *Penaeus chinensis* Osbeck subadults acclimated to different salinity and temperature levels 267

Book Reviews

Keeping all the Pieces: Perspectives on Natural History and the Environment 279

A Field Guide to the Shallow Water Echinoderms of the British Isles 281

Dynamic Biogeography 282

Author Index of Volume 179 285

Contents of Volume 179 287